

THE VAV TERMINAL DEVICE IS CONTROLLED WITHIN USER DEFINED SEPARATE HEATING AND COOLING MAXIMUM AND MINIMUM SUPPLY AIR VOLUME SETTINGS.
THE COOLING/HEATING MAXIMUM AIR VOLUME SHALL EQUAL THE MAXIMUM COOLING/HEATING AIR VOLUME SETTINGS.
THE VAV TERMINAL DEVICE HEATING AND COOLING MAXIMUM AND MINIMUM SUPPLY AIR VOLUME SETTINGS SHALL BE CAPABLE OF BEING RESET AT THE OPERATORS WORKSTATION

THE TERMINAL EQUIPMENT CONTROLLER MONITORS THE ROOM TEMPERATURE SENSOR AND AIR VELOCITY SENSOR. THROUGH 3 PROPORTIONAL, INTEGRAL, AND DERIVATIVE ALGORITHMS, THE CONTROLLER MODULATES THE SUPPLY AIR DAMPER AND REHEAT VALVE TO MAINTAIN THE DESIRED ROOM TEMPERATURE.

THE SUPPLY AIR VOLUME WILL BE LIMITED BY THE COOLING MINIMUM AND MAXIMUM SUPPLY AIR VOLUME SETTINGS. THE REHEAT VALVE IS CLOSED.

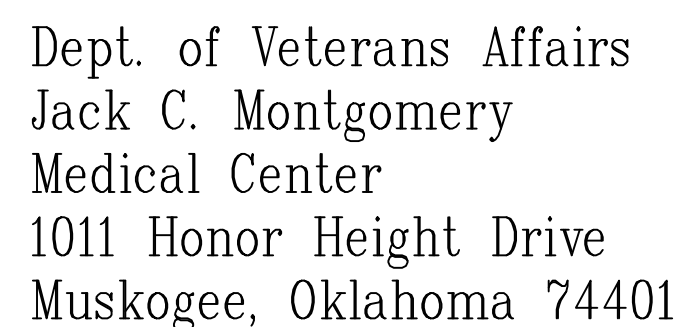
NIGHT (UNOCCUPIED) OPERATION:

THE CONTROLLER MAY BE RESET TO THE DAY MODE FOR A PREDETERMINED TIME PERIOD UPON A SIGNAL FROM THE CONTROL SYSTEM OR MANUALLY AT THE ROOM SENSOR.

SYSTEM GRAPHICS: THE SYSTEM GRAPHICS SHALL DISPLAY THE FOLLOWING ITEMS:

MODE OF OPERATION: HEATING/COOLING

SUPPLY AIR TEMPERATURE.
SUPPLY CFM SETPOINT.
SUPPLY CFM.
POSITION OF REHEAT VALVE.

[illegible]

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P: 972-488-8077 F: 972-488-8174
OK REG. ENGINEERING FIRM: 5183

ARCHITECT:
ARCHITECTURAL CONCEPTS, INC.
669 AIRPORT FREEWAY, STE. 300
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P: 817-285-8885 F: 817-285-8021

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| APPROVED: Medical Center Director |
| APPROVED: Associate Director |
| APPROVED: Chief of Staff |
| APPROVED: Chief of Engineering Service |

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|-------------------|--|-----------------------------|--|
| | | PROJECT TITLE | |
| | | REPLACEMENT AIR HANDLING | |
| NO. -12-C-0295 | | DESIGNED BY: | |
| FILE NAME: | | LOCATION Jack C. Mont | |

| | | |
|--------------------------------------|-----------|-------------|
| DESIGNED BY: | DRAWN BY: | CHECKED BY: |
| | | |
| LOCATION | | |
| Jack C. Montgomery VA Medical Center | | |

8/19/2013



ASBESTOS NOTE:
IF THE EXECUTION OF THIS WORK REQUIRES THE DISTURBING OF ANY SUBSTANCE WHICH APPEARS TO BE ASBESTOS OR WHICH MAY CONTAIN ASBESTOS FIBER, NOTIFY THE OWNER BEFORE CONTINUING WORK AT THE SUSPECT LOCATION. ANY MATERIAL TESTING POSITIVE SHALL BE REMOVED BY THE OWNER BEFORE WORK CONTINUES.

NOTE: EXISTING CONDITIONS SHOWN WERE DERIVED FROM OWNER FURNISHED DRAWINGS AND FIELD OBSERVATIONS. SOME BUILDING FEATURES AND MEP SYSTEMS ARE NOT SHOWN FOR CLARITY. FIELD VERIFY BUILDING CONSTRUCTION, FIELD VERIFY THE LOCATION, SIZE AND QUANTITY OF ALL EQUIPMENT.

NOTE: REFER TO DETAILS AND SCHEMATICS FOR PIPING, VALVES, FITTINGS AND OTHER APPURTENANCES REQUIRED, BUT NOT SHOWN FOR CLARITY.

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